

Title (en)
METHOD FOR THE CATALYTIC REDUCTION OF THE TAR CONTENT IN GASES FROM GASIFICATION PROCESSES USING A CATALYST BASED ON NOBLE METALS

Title (de)
VERFAHREN ZUR KATALYTISCHEN VERRINGERUNG DES TEERGEHALTS IN GASEN AUS VERGASUNGSPROZESSEN UNTER VERWENDUNG EINES KATALYSATORS AUF EDELMETALLBASIS

Title (fr)
PROCÉDÉ POUR RÉDUIRE PAR VOIE CATALYTIQUE LA TENEUR EN GOUDRONS DE GAZ ISSUS DE PROCESSUS DE GAZÉIFICATION AU MOYEN D'UN CATALYSEUR À BASE DE MÉTAUX NOBLES

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Application
EP 09738004 A 20090415

Priority
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Abstract (en)
[origin: WO2009132960A2] The invention relates to a method for reducing the tar content in gases resulting from a thermochemical gasification process of carbon-containing starting material and comprises the contacting of at least a part of the gas obtained from the gasification process with a catalyst containing noble metals. The invention is characterized in that the gas to be treated is not brought into contact with a catalyst on zirconium basis prior to the contact with the catalyst containing noble metals. The catalyst containing noble metals comprises at least one noble metal selected from the group consisting of Pt, Pd, Rh, Ir, Os, Ru and Re, provided that in the case of Pt, said element is used in combination with at least one further noble metal or Ni.

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Citation (search report)
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